

**REMARKS**

The present Amendment is intended to place the subject application in condition for allowance. Claims 1, 3, 8, 9, 11, 13, 18, 24, 25, 27, 29 and 30 have been amended, including to address the claim objection and Section 112 rejections raised by the Examiner (where applicable). Additionally, claims 6, 7, 12, 16, 17, 26, 28 and 31-38 have been canceled, and claims 39-45 have been added. Accordingly, claims 1-5, 8-11, 13-15, 18-25, 27, 29, 30 and 39-45 are now pending.

Independent claim 1 has been amended herein to recite a router having a first ledge and a second ledge spaced from the first ledge in the axial direction for separating at least two interconnect wires in the axial direction when the at least two interconnect wires are routed adjacent to one another on the router. Support for the amendments to claim 1 can be found, among other places, in paragraphs 68 and 77 of the original application. The language added to claim 1 is similar to former claim 7, which was indicated as reciting allowable subject matter, and which recited a first ledge capable of routing a wire a "further distance" from the stator, and a second ledge capable of routing another wire a "closer" distance from the stator. As noted by the Patent Office in the first Office action on the merits, the prior art does not teach this subject matter. Accordingly, Applicant respectfully submits that amended claim 1 and the claims depending therefrom should be allowed.

Claims 3, 8, 27 and 30, which were also indicated as reciting allowable subject matter, have been amended into independent form and now recite limitations of their former based claims. Note that "catch" has been substituted for "hook" in claim 8 (and new claim 41), consistent with the subject application. See, for example, paragraph 0092.

Accordingly, Applicant respectfully submits that claims 3, 8, 27 and 30 (and claim 29 which now depends from claim 30) should be allowed.

Independent claim 13 has been amended to recite subject matter from former claim 17, which was also indicated as reciting allowable subject matter. Specifically, claim 13 has been amended to recite the inboard router as having a first ledge capable of routing one of the interconnect wires a further distance from the stator, and a second ledge capable of routing another one of the interconnect wires a closer distance from the stator. In view of this Amendment, Applicant respectfully submits that independent claim 13 and the claims depending therefrom should be allowed.

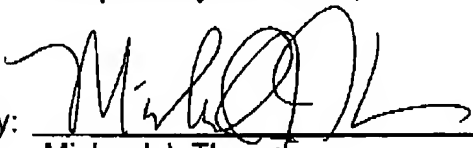
Additionally new claims 39-45 have been added. These new claims depend from independent claims 1 and 13, and are therefore allowable for at least the same reasons. Support for the new claims can be found, among other places, in paragraph 78 and Figs. 6A-F of the original application.

**CONCLUSION**

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action and the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (314) 726-7500.

Respectfully submitted,

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